

Monday, March 17, 1997
ACHONDRITES
2:30 p.m. Room A

**Chairs: M. M. Grady
A. Ruzicka**

Righter K.* Drake M. J.

Formation of Eucrites and Diogenites on a Vesta-sized Asteroid: II. Equilibrium Crystallization of a Chondritic Magma Ocean

Ruzicka A.* Snyder G. A. Taylor L. A.

Formation of Eucrites and Diogenites in a Magma Ocean on the HED Parent Body

Yamaguchi A.* Taylor G. J. Keil K.

Not All Eucrites are Monomict Breccias

Grady M. M.* Wright I. P. Pillinger C. T.

Indigenous Primitive Carbon in Eucrites and Diogenites

Chikami J.* Takeda H. Yugami K. Mikouchi T. Miyamoto M.

Zn Abundance in Coexisting Troilite and Spinel in Achondrites: Remnant Indicative of the Primitive Source Materials

Arai T.* Takeda H. Miyamoto M.

Metamorphic History of a Large Opaque Nodule in Crystalline Eucrite Asuka 881388

Boesenberg J. S.* Delaney J. S. Prinz M.

Magnesian Megacrysts and Matrix in the Mesosiderite Lamont

Wadhwa M.* Shukolyukov A. Lugmair G. W.

The Relationship Between Basaltic Clasts in Mesosiderites and the HED Meteorites: Clues from Mn-Cr Systematics of Two Vaca Muerta Clasts.

Fogel R. A.*

A New Aubrite Basalt Vitrophyre from the LEW87007 Aubrite.

Takeda H.* Yugami K. Bogard D. Miyamoto M.

Plagioclase-Augite-Rich Gabbro in the Caddo County IAB Iron, and the Missing Basalts Associated with Iron Meteorites

Benedix G. K.* McCoy T. J. Keil K.

Winonaites Revisited: New Insights into Their Formation

Goodrich C. A.*

Preservation of a Nebular Mg- $\delta^{17}\text{O}$ Correlation During Partial Melting of Ureilites